

UNIVERSITY OF CALIFORNIA OFFICE OF THE PRESIDENT
OFFICE OF RESEARCH

**CALL FOR PRE-PROPOSALS
FOR THE
LABORATORY PROFESSORSHIP PROGRAM**

MARCH 2002

Pre-Proposals Due: May 30, 2002

INTRODUCTION

The overall goals of the Laboratory Professorship Program are to allow UC campuses to use the unique capabilities and facilities of the laboratories to assist in recruiting faculty, and to significantly enhance UC campuses' access to key laboratory facilities, and laboratory access to faculty, students and post-docs. This program is patterned after the highly successful Professorships at the Advanced Light Source (ALS) at the Lawrence Berkeley National Laboratory, and the LANSCE Professorships at Los Alamos National Laboratory. At the present time, there are three ALS Professorships (two at UC Davis and one at UC San Francisco), and one LANSCE Professorship at UC San Diego. These Professorships serve as an official conduit for students and faculty at the campuses to interact with the ALS or LANSCE.

This call for pre-proposals outlines the basic tenets of the Laboratory Professorship Program, the criteria for selection, and the requirements for submittal of proposals.

PURPOSE

It is expected that the program will strengthen the entire UC community by providing the following benefits:

Benefits to the Campuses

- Aid in the recruitment of faculty through offering enhanced opportunities for access to unique laboratory facilities/programs;
- Increase access of faculty and students to major, unique research facilities and programs at Lawrence Livermore National Laboratory (LLNL) and Los Alamos National Laboratory (LANL);
- Increase levels of communication between particular departments and the laboratories, which may be of potential benefit to the campus;
- Promote professional development of faculty through strategic collaborations and research opportunities with the laboratories;
- Enrich the post-doctoral researchers' and graduate and undergraduate student experience.

Benefits to the Laboratories

- Enhance the recruitment of new laboratory employees from participating students and post-docs;
- Enhance the professional development of laboratory scientists and engineers through seminars provided on-site by the Laboratory Professor;
- Enhance the research activities and programs, and the development of new technologies at the laboratories;
- More effectively tap the expertise at the UC campuses.

Benefits to the Larger UC Community

- Enhance the impact of the UC campuses and laboratories on societal needs;
- More effectively integrate the laboratories and the UC campuses.

PROGRAM DETAILS

1. Both LANL and LLNL are interested in hosting one or two Professorships at key facilities or in key disciplines. These are listed at the end of this document, along with contact information.
2. The participating UC campus will provide a full-time faculty appointment (FTE).
3. The laboratory will commit to a five-year Multi-Location Appointment, providing salary support at 50% for the nine-month academic year and 100% during the three summer months. The laboratories will also provide a negotiated level of annual funding for technical and administrative support, operations, students, etc.
4. The selected professor and their students/postdoctoral fellows will have access to the host facility for the conduct of research and the training of students. The professor will provide seminars at the laboratory and teach in their campus department with a half-time load.
5. An evaluation and non-competitive renewal process will be established for this program.
6. One-time funding of up to \$100K per Professorship (up to two per laboratory) is available from the Office of Research to assist with faculty start-up costs.

PRE-PROPOSAL MECHANICS

1. Call for pre-proposals will be issued by the Office of Research.
2. Each interested campus shall submit a brief (2 pages) pre-proposal outlining the proposed relationship and a rough estimate of cost. There is no limit on the number of pre-proposals that can be submitted

by each campus. Pre-proposals can be developed by the campuses with facility or program leaders at the laboratories. Such joint efforts involving both campus and laboratory personnel are encouraged.

3. Pre-proposals should include the anticipated commitment level of the campus, names of the departments that would be the host(s), and how this fits into the long-term plans of the campus.

SELECTION PROCESS

1. The laboratories will review the pre-proposals to determine interest and potential for support.
2. Full proposals will be requested from selected pre-proposals. These requests will spell out the specific commitments from the laboratories, should that proposal be selected. It is possible that none of the pre-proposals will meet the requirements to advance to the full proposal stage.
3. Full proposals will be submitted in response to requests, and should include specific commitments from the campus.
4. Proposals will be reviewed by a committee composed of faculty and laboratory staff, and convened by the Vice Provost for Research and the Laboratory Director. The committee will provide its advice to the Laboratory Director and the Vice Provost for Research.
5. Proposals will be selected by the Laboratory Director.
6. Following selection, a search will begin to fill this appointment at the campus.
7. The faculty search will be done by the selected campus, following standard campus and departmental procedures with the addition of laboratory participation on the search committee. Campus procedures for the departmental appointment will be followed.
8. Appointment of the candidate as a Laboratory Professor must have the concurrence of the laboratory director.

SUBMITTAL INFORMATION

10 copies of the pre-proposals (2 pages, single-sided) for each laboratory should be submitted via mail to Joanne Birdsall by **May 30, 2002:**

**Joanne Birdsall
University of California Office of the President
Office of Research
1111 Franklin Street, 11th Floor
Oakland, California 94607**

LABORATORY INTERESTS

Los Alamos National Laboratory	Contact
Materials Science	Jim Porter (porter@lanl.gov)
Biology/Biotechnology	
Computers/Computing Science	

Lawrence Livermore National Laboratory	Contact
National Ignition Facility (NIF) Laser/Optical Science & Technology High Energy Density Physics (ICF)	Craig Wuest (wuest1@llnl.gov)
Advanced Simulation and Computing Program (ASCI)	Steve Ashby (ashby1@llnl.gov)
Center for Accelerator Mass Spectrometry (CAMS)	John Knezovich (knezovich1@llnl.gov)

At the pre-proposal stage, concept papers are also welcome for areas not listed above.

INFORMATIONAL CONTACTS AT THE LABORATORIES

James Porter
UC Coordination Team Leader
UC Coordination Team
Los Alamos National Laboratory

Tel: 505-667-7824
Fax: 505-665-3100
E-mail: porter@lanl.gov

Dr. Harry Radousky
Deputy Director
University Relations Program
Lawrence Livermore National Laboratory

Tel: 925-422-4478
Fax: 925-422-3519
E-mail: radousky1@llnl.gov

SCHEDULE

The laboratories expect to notify those invited to develop full proposals by **June 30, 2002**.

Full proposals will be due at UCOP by **August 15, 2002**.

Commitments to proceed with the faculty search are expected to be communicated to the selected campuses by **October 30, 2002**.

Cover Page – Pre-Proposal for Laboratory Professorship Program, May 2002

Title:	
Submitted by (name, title, department, full mailing address, telephone, fax, and e-mail address)	
Department contact information (name, telephone, fax, and e-mail address)	
Laboratory contact information (name, division, telephone, fax, and e-mail address)	